

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
 Data File : BN017485.D
 Acq On : 17 Nov 2021 00:05
 Operator : CG/JU
 Sample : M4668-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-678-680

Quant Time: Nov 17 01:20:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 16 14:06:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

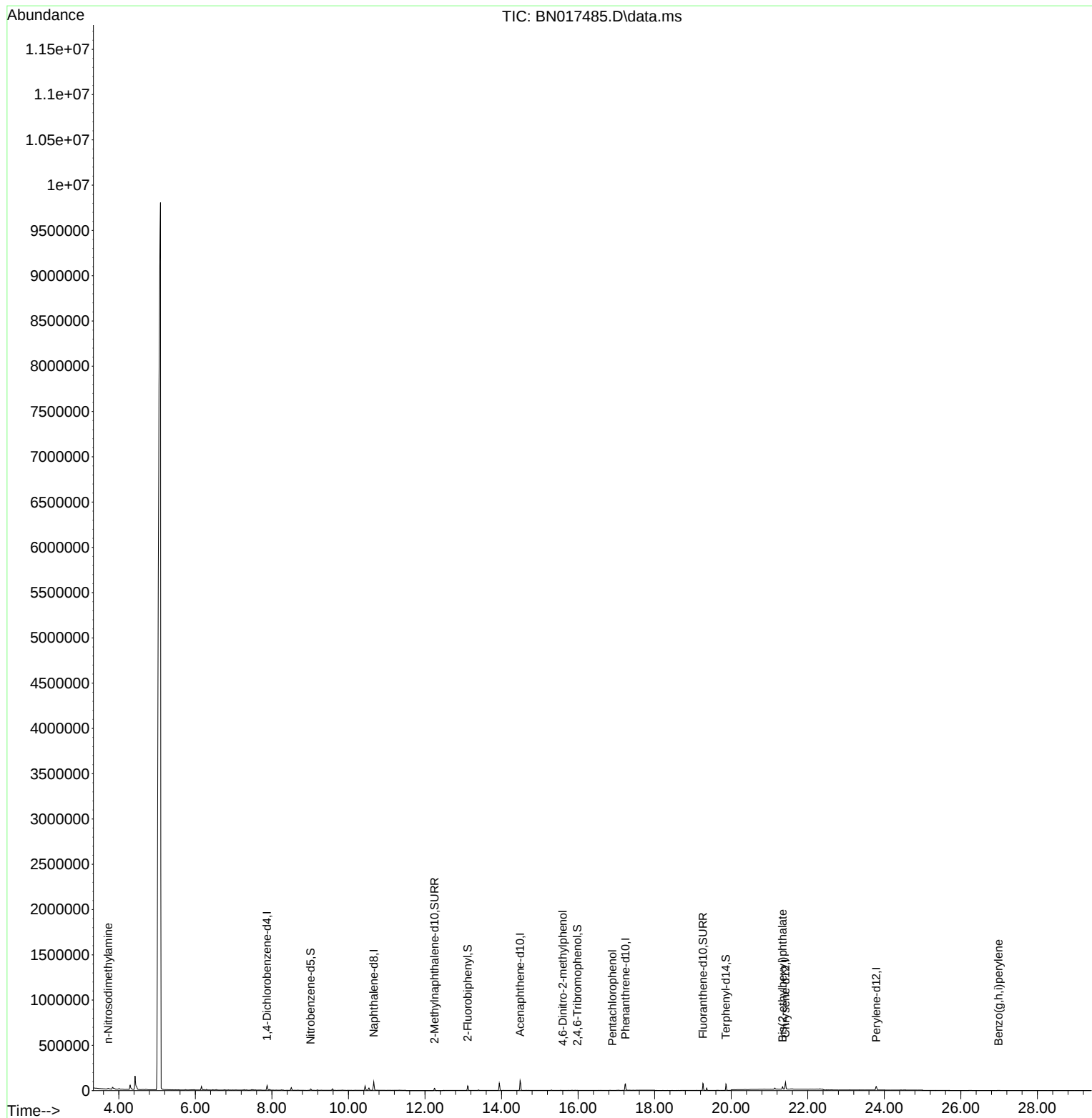
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	26604	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	119869	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	64270	0.400	ng	-0.01
19) Phenanthrene-d10	17.238	188	108749	0.400	ng	0.00
29) Chrysene-d12	21.420	240	75299	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	59171	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.495	112	474	0.007	ng	0.05
5) Phenol-d6	7.044	99	626	0.009	ng	0.00
8) Nitrobenzene-d5	9.014	82	12683	0.171	ng	0.00
11) 2-Methylnaphthalene-d10	12.248	152	36412	0.185	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	413	0.025	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	47653	0.197	ng	-0.01
27) Fluoranthene-d10	19.262	212	88953	0.274	ng	0.00
31) Terphenyl-d14	19.863	244	67206	0.364	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.725	42	1819	0.082	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.602	198	24	0.096	ng	# 1
24) Pentachlorophenol	16.897	266	55	0.092	ng	98
34) Bis(2-ethylhexyl)phtha...	21.345	149	25764	0.211	ng	97
41) Benzo(g,h,i)perylene	26.984	276	3342	0.026	ng	# 44

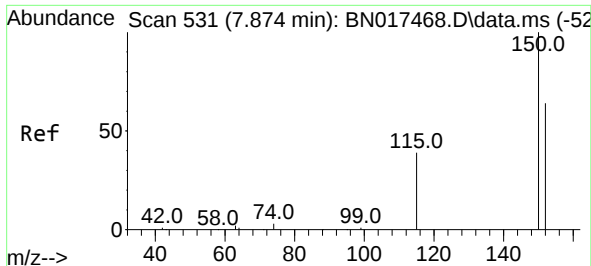
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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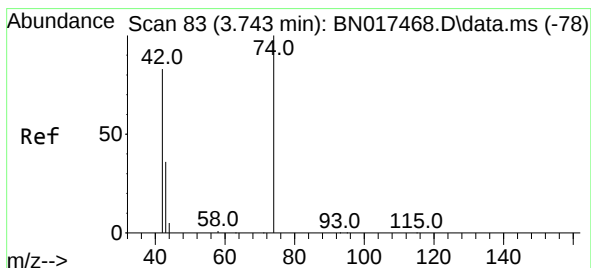
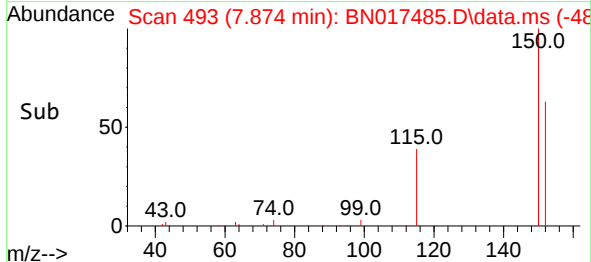
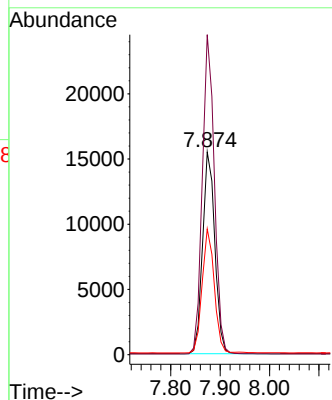
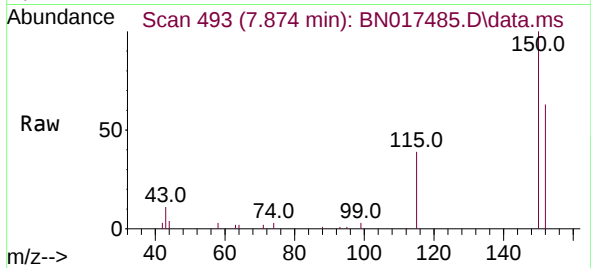




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.874 min Scan# 43
Delta R.T. -0.000 min
Lab File: BN017485.D
Acq: 17 Nov 2021 00:05

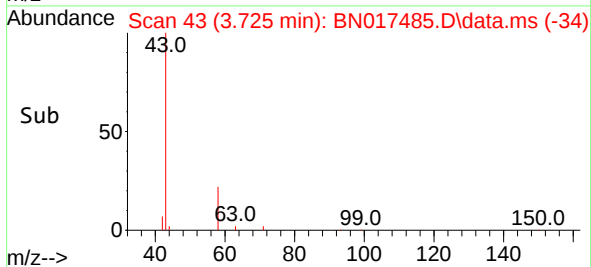
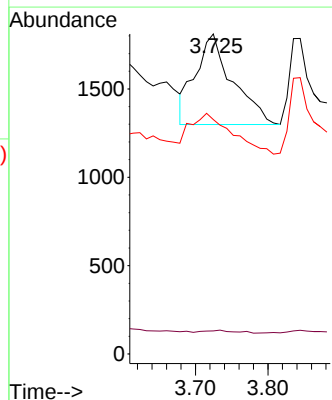
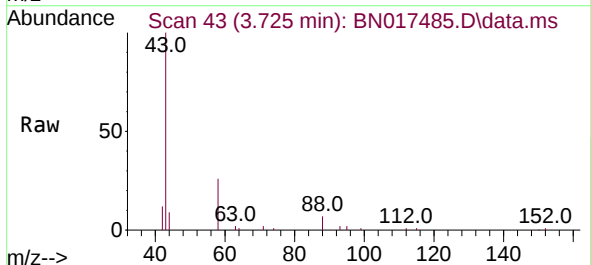
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-678-680

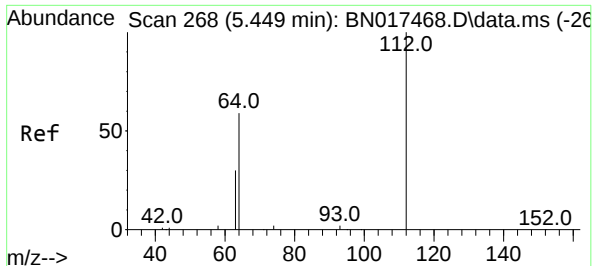
Tgt Ion:152 Resp: 26604
Ion Ratio Lower Upper
152 100
150 157.8 123.0 184.4
115 62.1 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.082 ng
RT: 3.725 min Scan# 43
Delta R.T. -0.019 min
Lab File: BN017485.D
Acq: 17 Nov 2021 00:05

Tgt Ion: 42 Resp: 1819
Ion Ratio Lower Upper
42 100
74 2.3 97.8 146.6#
44 52.7 5.5 8.3#

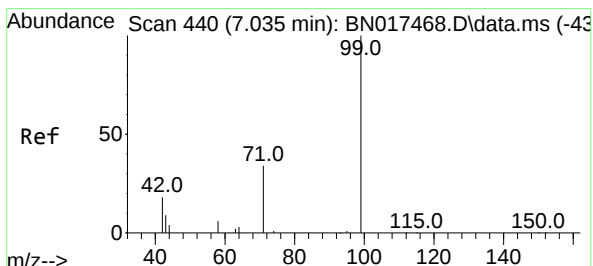
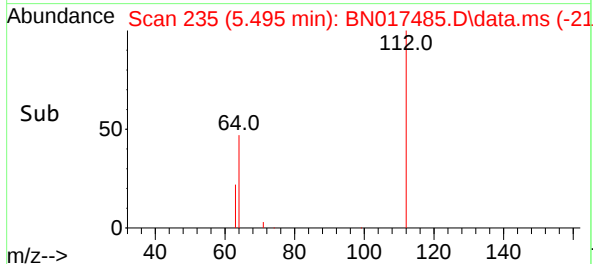
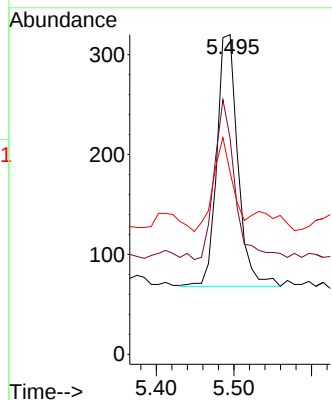
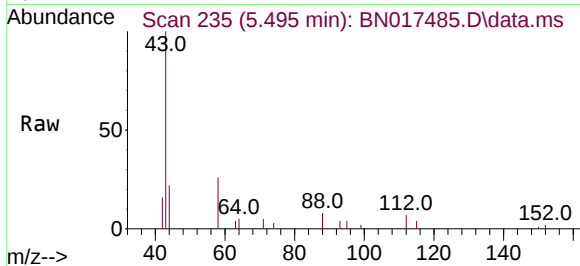




#4
2-Fluorophenol
Concen: 0.007 ng
RT: 5.495 min Scan# 21
Delta R.T. 0.046 min
Lab File: BN017485.D
Acq: 17 Nov 2021 00:05

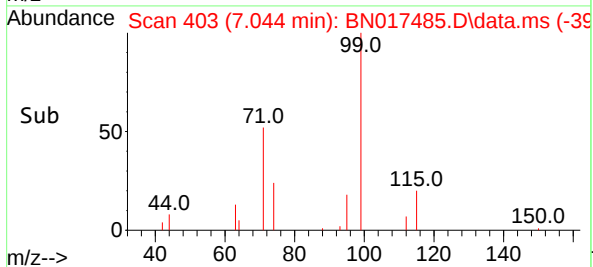
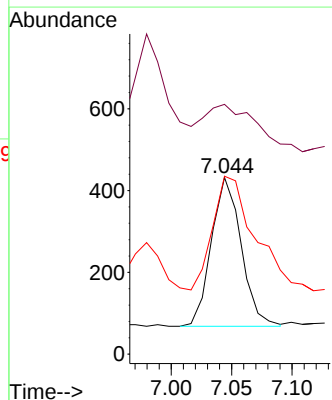
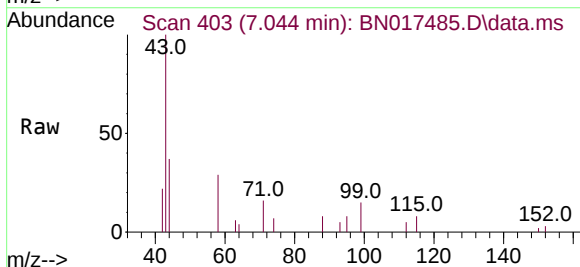
Instrument :
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ClientSampleId :
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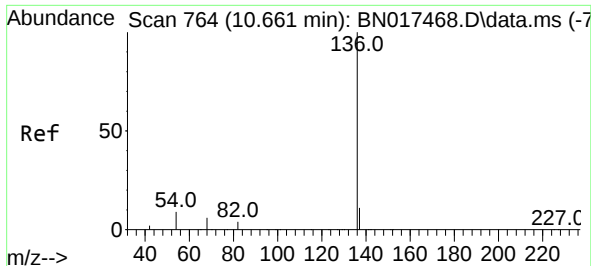
Tgt Ion:112 Resp: 474
Ion Ratio Lower Upper
112 100
64 62.0 47.6 71.4
63 35.4 24.6 37.0



#5
Phenol-d6
Concen: 0.009 ng
RT: 7.044 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017485.D
Acq: 17 Nov 2021 00:05

Tgt Ion: 99 Resp: 626
Ion Ratio Lower Upper
99 100
42 41.9 17.0 25.6#
71 105.9 24.8 37.2#

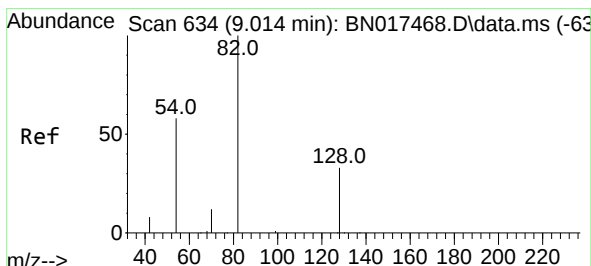
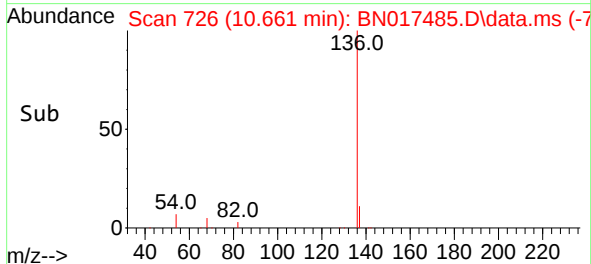
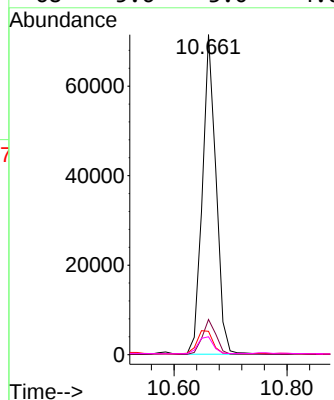
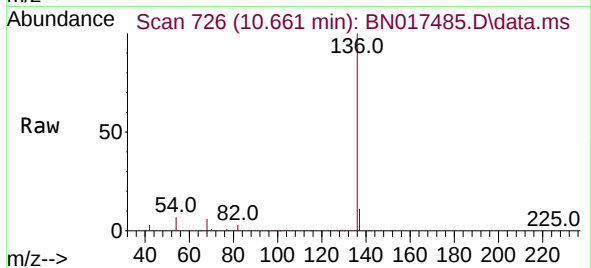




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN017485.D
Acq: 17 Nov 2021 00:05

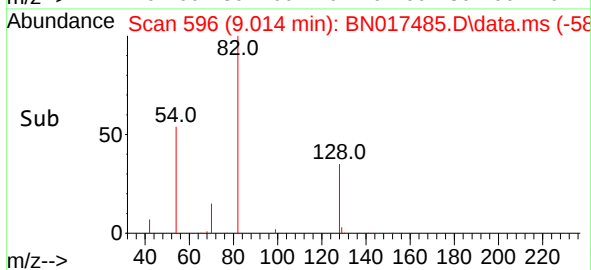
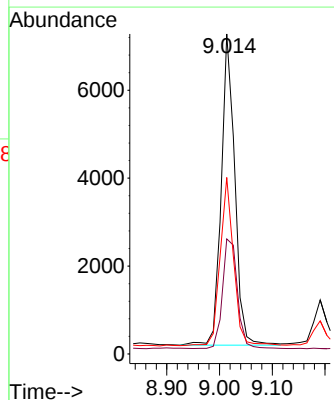
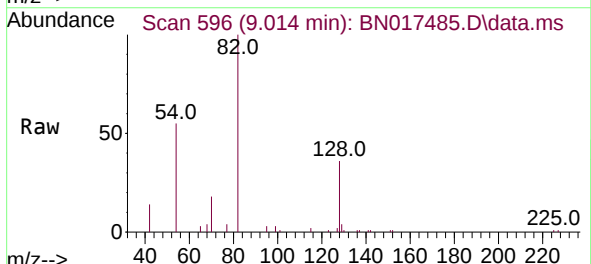
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-678-680

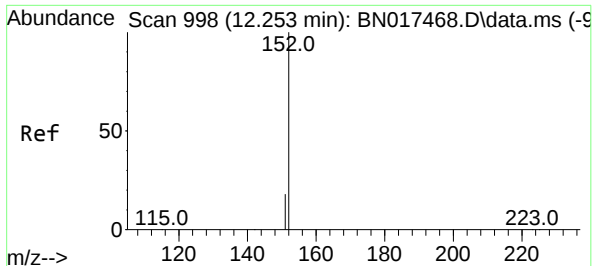
Tgt Ion:136 Resp: 119869
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.3 4.0 6.0#
68 5.6 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.171 ng
RT: 9.014 min Scan# 596
Delta R.T. -0.000 min
Lab File: BN017485.D
Acq: 17 Nov 2021 00:05

Tgt Ion: 82 Resp: 12683
Ion Ratio Lower Upper
82 100
128 36.0 27.7 41.5
54 55.1 49.2 73.8





#11

2-Methylnaphthalene-d10

Concen: 0.185 ng

RT: 12.248 min Scan# 91

Delta R.T. -0.005 min

Lab File: BN017485.D

Acq: 17 Nov 2021 00:05

Instrument :

BNA_N

ClientSampleId :

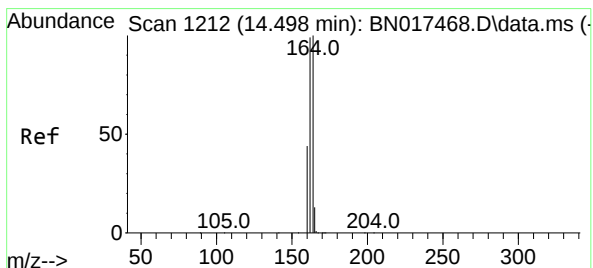
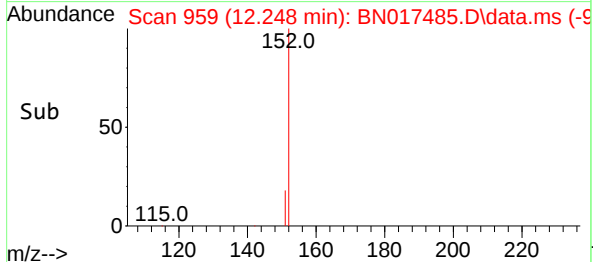
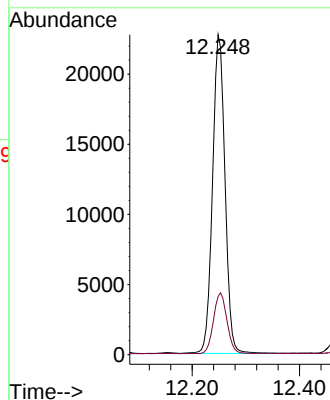
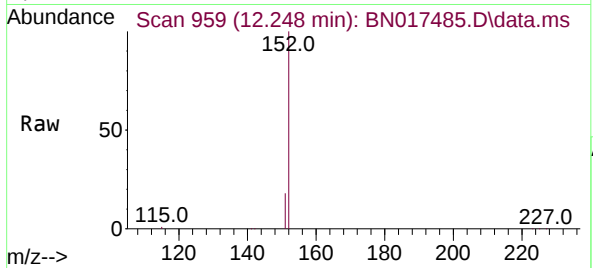
BP-VPB-RW9-GW-678-680

Tgt Ion:152 Resp: 36412

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.485 min Scan# 1173

Delta R.T. -0.013 min

Lab File: BN017485.D

Acq: 17 Nov 2021 00:05

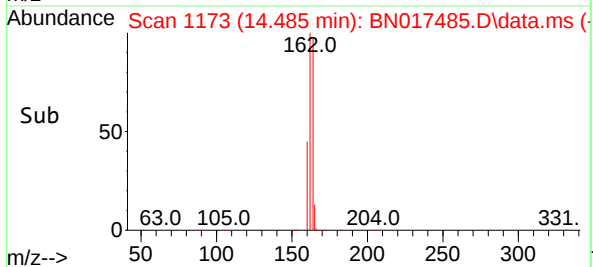
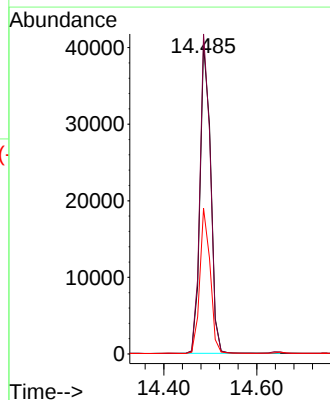
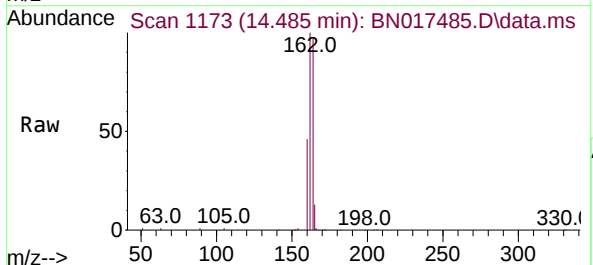
Tgt Ion:164 Resp: 64270

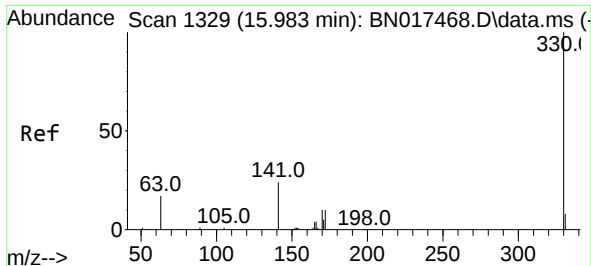
Ion Ratio Lower Upper

164 100

162 103.4 81.4 122.2

160 47.1 36.8 55.2

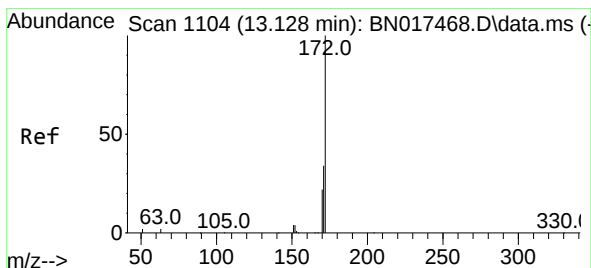
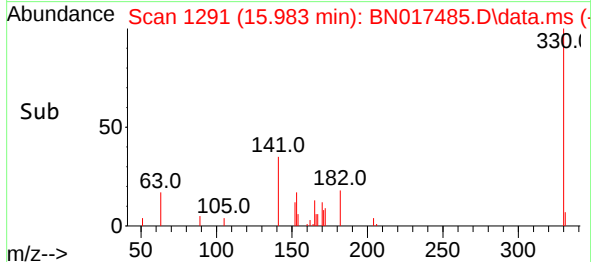
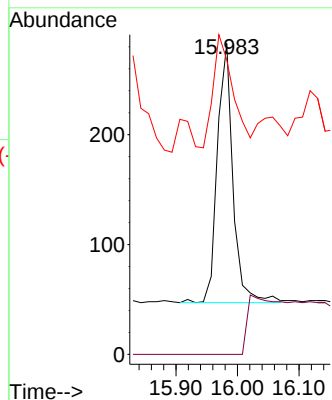
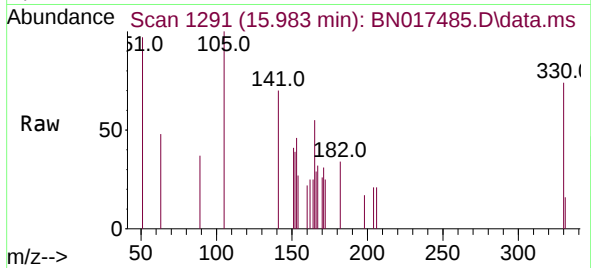




#14
2,4,6-Tribromophenol
Concen: 0.025 ng
RT: 15.983 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BN017485.D
Acq: 17 Nov 2021 00:05

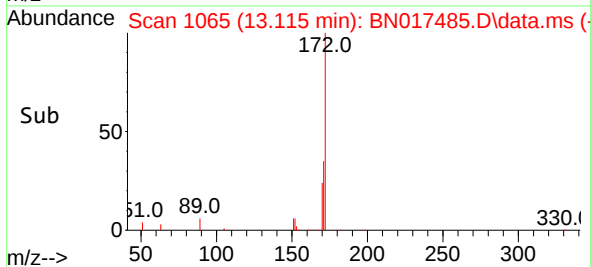
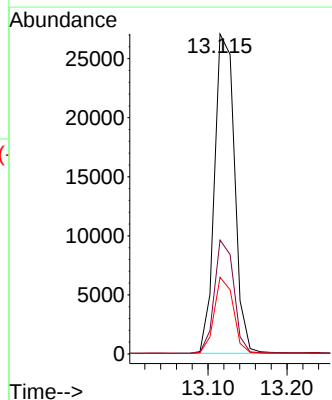
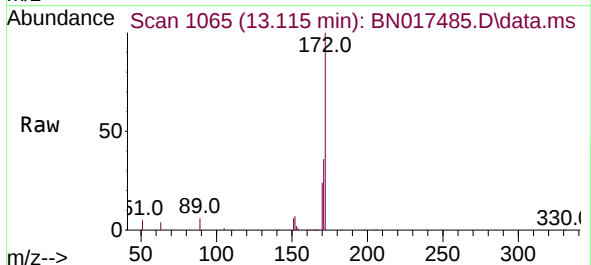
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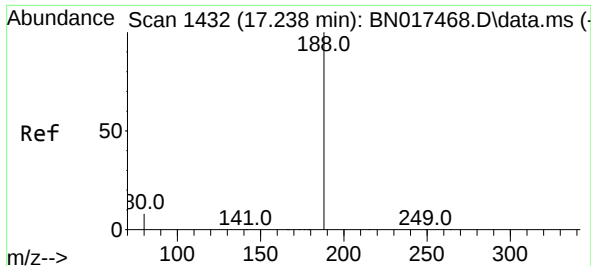
Tgt Ion:330 Resp: 413
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 55.2 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.197 ng
RT: 13.115 min Scan# 1065
Delta R.T. -0.013 min
Lab File: BN017485.D
Acq: 17 Nov 2021 00:05

Tgt Ion:172 Resp: 47653
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.9 19.4 29.2

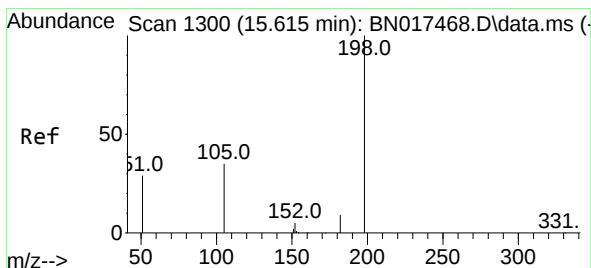
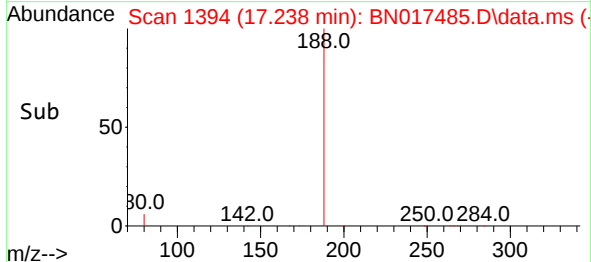
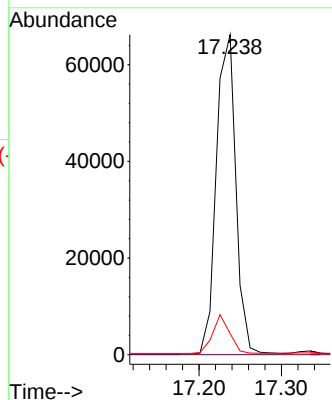
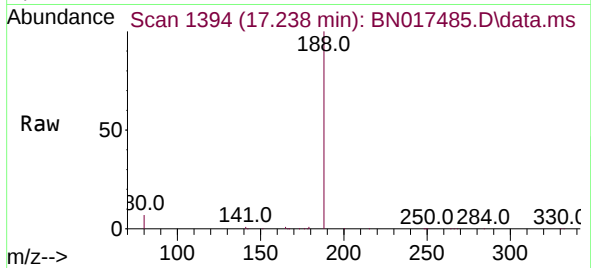




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017485.D
Acq: 17 Nov 2021 00:05

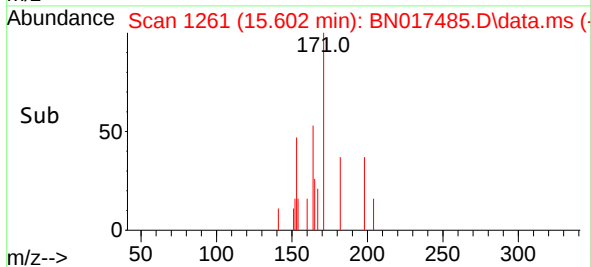
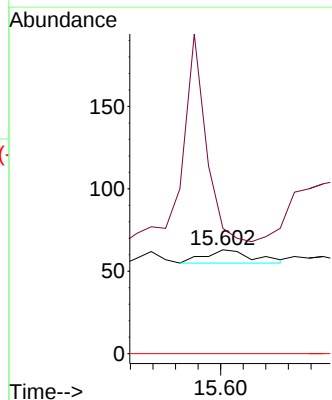
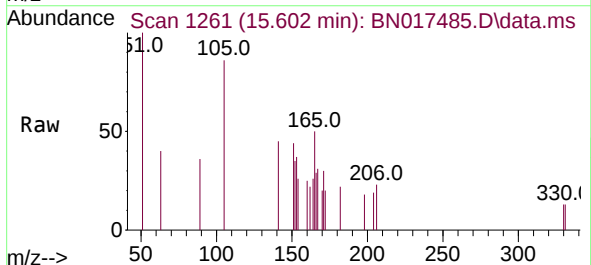
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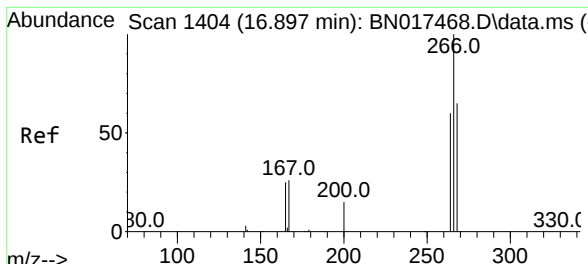
Tgt Ion:188 Resp: 108749
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.096 ng
RT: 15.602 min Scan# 1261
Delta R.T. -0.013 min
Lab File: BN017485.D
Acq: 17 Nov 2021 00:05

Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
182 120.6 11.4 17.2#
77 0.0 0.0 0.0

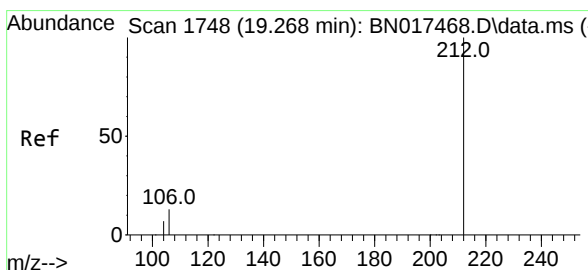
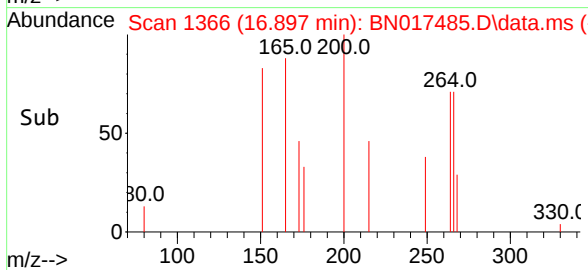
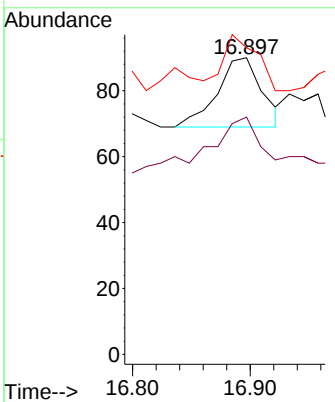
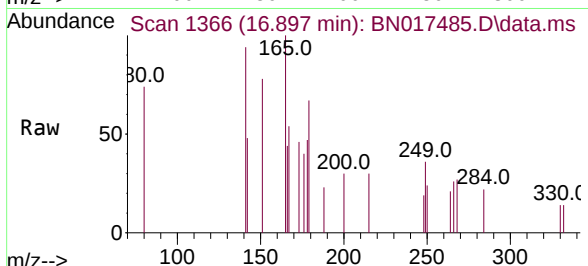




#24
 Pentachlorophenol
 Concen: 0.092 ng
 RT: 16.897 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN017485.D
 Acq: 17 Nov 2021 00:05

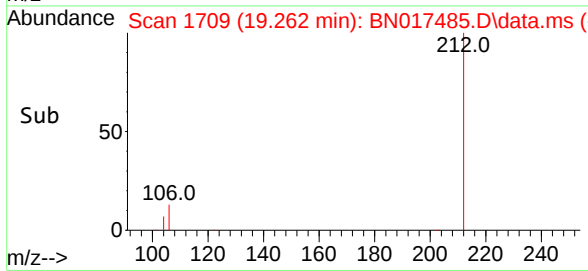
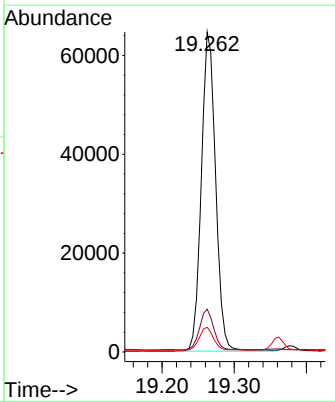
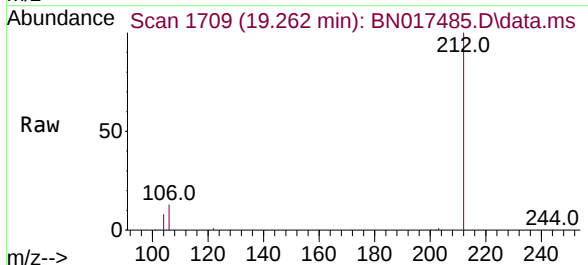
Instrument :
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 BP-VPB-RW9-GW-678-680

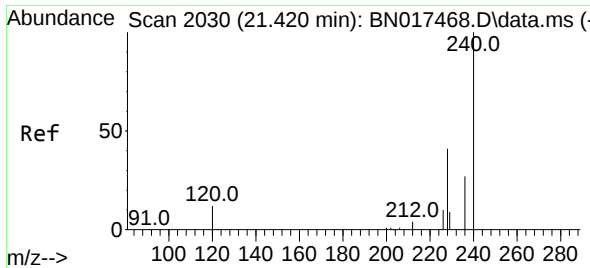
Tgt Ion:	266	Resp:	55
Ion Ratio	Lower	Upper	
266	100		
264	63.6	49.8	74.8
268	61.8	51.3	76.9



#27
 Fluoranthene-d10
 Concen: 0.274 ng
 RT: 19.262 min Scan# 1709
 Delta R.T. -0.005 min
 Lab File: BN017485.D
 Acq: 17 Nov 2021 00:05

Tgt Ion:	212	Resp:	88953
Ion Ratio	Lower	Upper	
212	100		
106	12.5	10.5	15.7
104	7.2	5.8	8.6

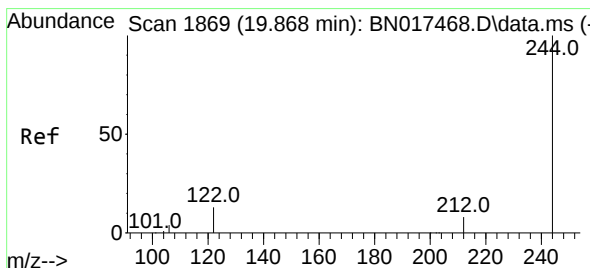
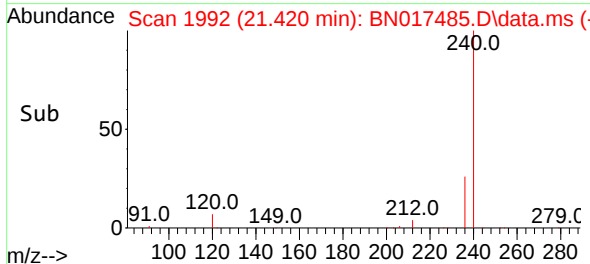
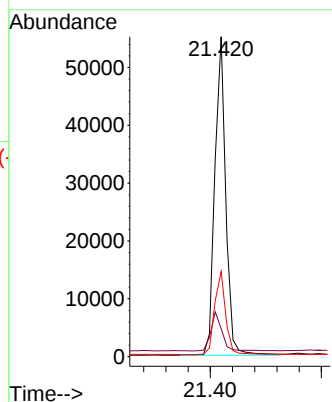
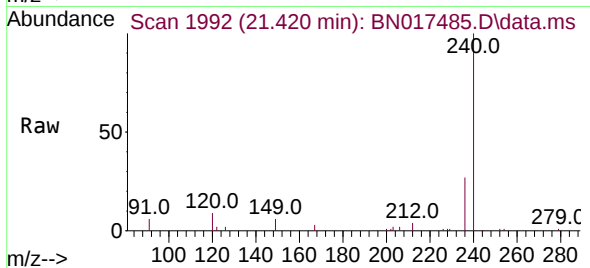




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.420 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BN017485.D
Acq: 17 Nov 2021 00:05

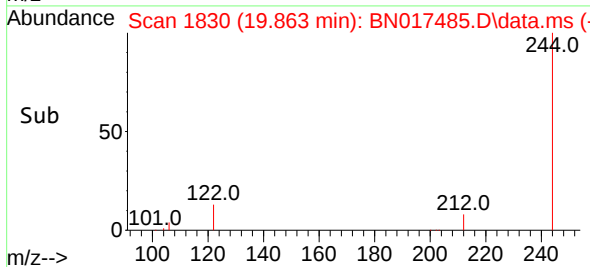
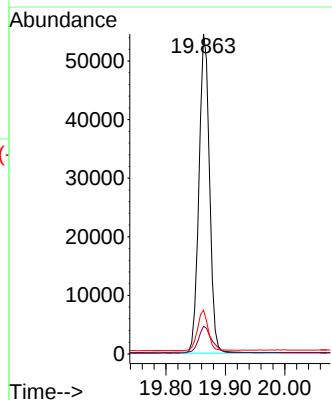
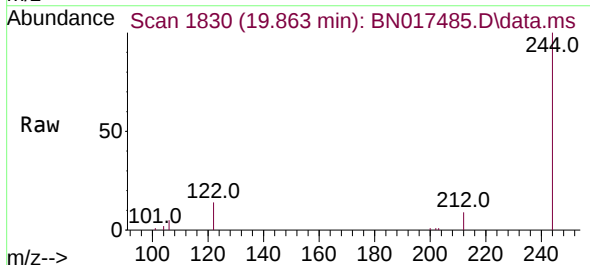
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-678-680

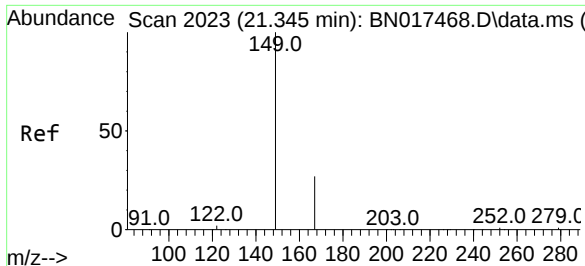
Tgt Ion:240 Resp: 75299
Ion Ratio Lower Upper
240 100
120 8.7 4.2 6.2#
236 26.6 20.0 30.0



#31
Terphenyl-d14
Concen: 0.364 ng
RT: 19.863 min Scan# 1830
Delta R.T. -0.005 min
Lab File: BN017485.D
Acq: 17 Nov 2021 00:05

Tgt Ion:244 Resp: 67206
Ion Ratio Lower Upper
244 100
212 8.6 5.7 8.5#
122 13.7 8.6 13.0#

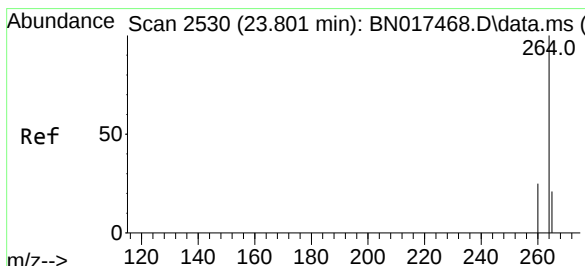
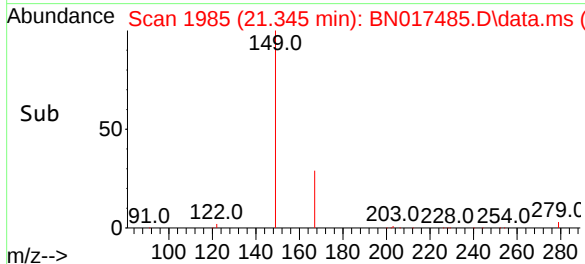
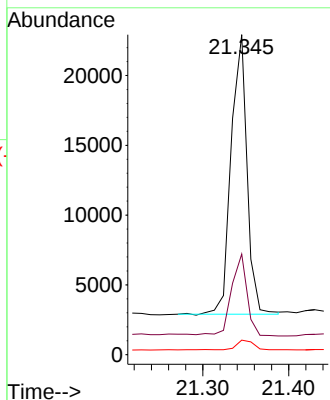
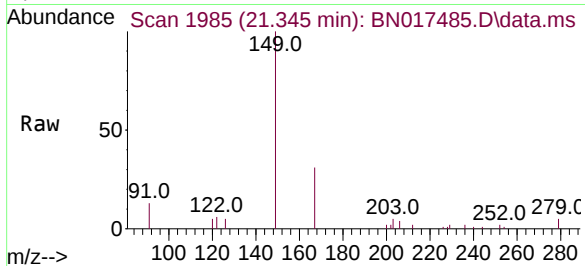




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.211 ng
RT: 21.345 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BN017485.D
Acq: 17 Nov 2021 00:05

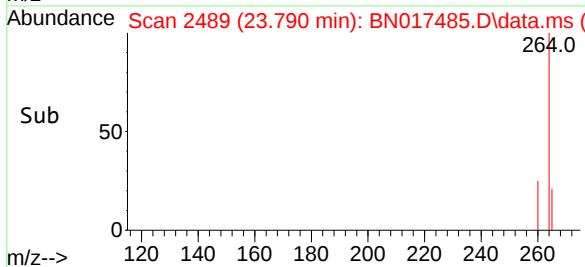
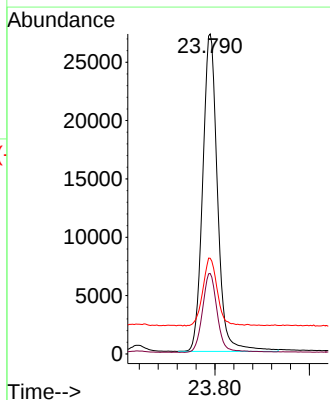
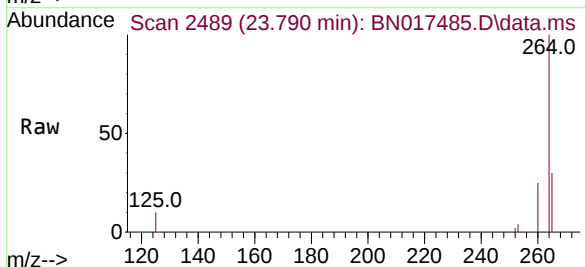
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-678-680

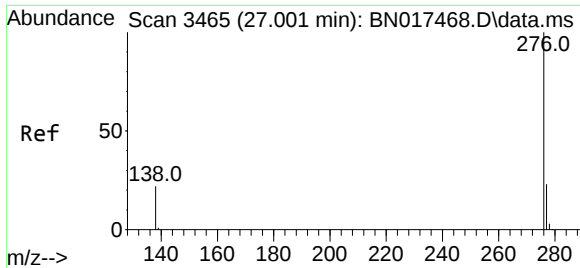
Tgt Ion:149 Resp: 25764
Ion Ratio Lower Upper
149 100
167 28.9 21.8 32.6
279 3.7 3.4 5.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.790 min Scan# 2489
Delta R.T. -0.010 min
Lab File: BN017485.D
Acq: 17 Nov 2021 00:05

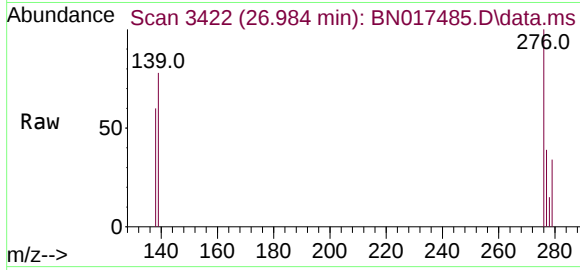
Tgt Ion:264 Resp: 59171
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.2
265 29.9 18.6 28.0#





#41
Benzo(g,h,i)perylene
Concen: 0.026 ng
RT: 26.984 min Scan# 34
Delta R.T. -0.017 min
Lab File: BN017485.D
Acq: 17 Nov 2021 00:05

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-678-680



Tgt Ion:276 Resp: 3342
Ion Ratio Lower Upper
276 100
277 39.5 19.0 28.4#
138 59.8 17.1 25.7#

